

REMARKS

Claims 1-3, 5-11, 15-17, 20-25, and 38-40 are pending in the application, all of which stand rejected. Claims 1, 3, 5, 7, 15, 17, and 20 are amended. Claims 2, 6, 38-40 are canceled.

Claim Rejections – 35 USC § 112

Claims 2-3 and 20-22 are rejected under 35 USC 112, second paragraphs, as being indefinite for failing to particularly point out and distinctly claim the subject matter regarded as the invention.

Specifically, the Examiner notes that the limitation “the liquid crystal display device” of Claim 2 and the limitation “the second switching device” of Claim 20 lack antecedent basis. The claims have been amended to correct for the indefiniteness rejections. Accordingly, Applicants request withdrawal of the rejections under 35 USC 112.

Claim Rejections – 35 USC §§ 102 and 103

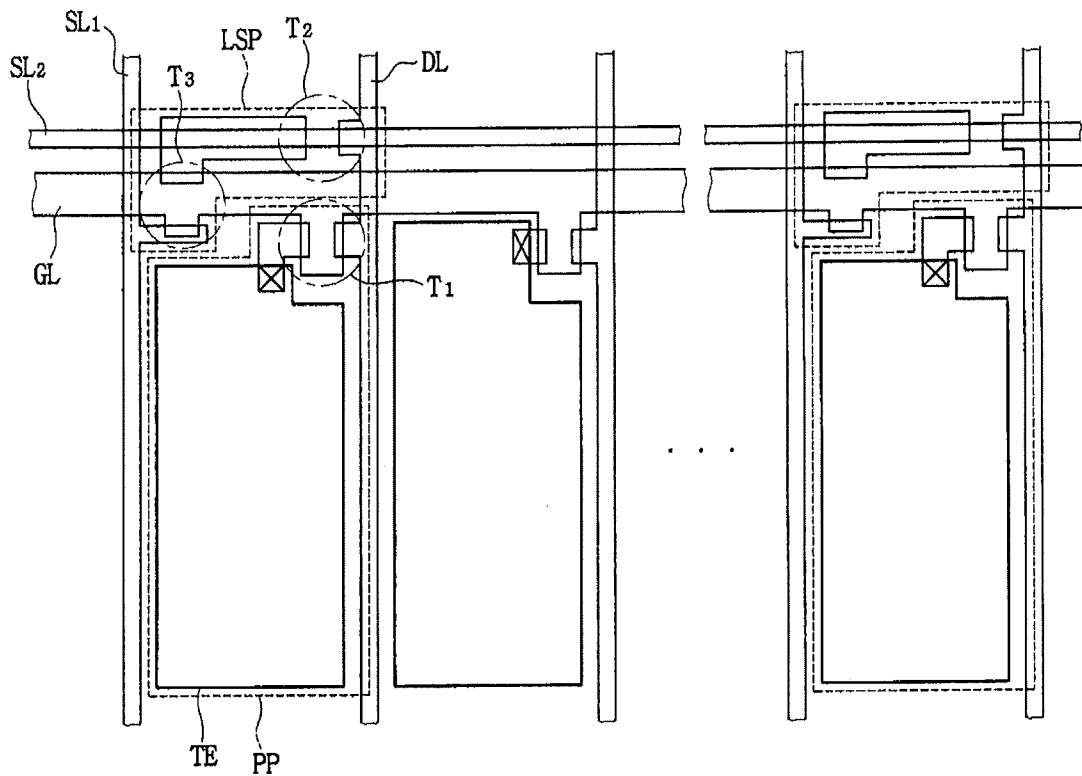
Claims 1-3 are rejected under 35 USC 102(e) as being anticipated by U.S. Patent No. 7,280,102 to Abileah et al (“Abileah”).

Claims 1-3, 5-11, 15-17, and 20-25 are rejected under 35 USC 103(a) as being unpatentable over Abileah in view of U.S. Patent No. 7,184,009 to Bergquist.

Claims 1 and 5 have each been amended to include “wherein the light-sensitive switching device is a second switching device that is turned on in response to the incident light to output a first analog signal that is received from the data line, each of the sensing parts further comprising a third switching device outputting the first analog signal provided from the second switching device in response to a second analog signal applied to the gate line,” in combination with other limitations.

The present disclosure relates to a liquid crystal display panel including a touch sensor system. In particular, an embodiment of the present disclosure includes a pixel part PP and a sending part LSP. The pixel part PP includes a gate line GL, a data line DL, a first TFT T1 and a liquid crystal capacitor Clc. The sending part LSP includes a second TFT T2, a third

[FIG. 4]



In light of the amended claims, Applicants respectfully traverse the rejections.

As illustrated below (and also in FIG. 6), Abileah discloses a light-sensitive switching device that is connected to a common line, and a readout TFT that is connected to a data line. Thus, the light-sensitive switching device of Abileah receives signals from the common line and outputs signals to the data line, and does not disclose outputting an analog signal received from the data line.

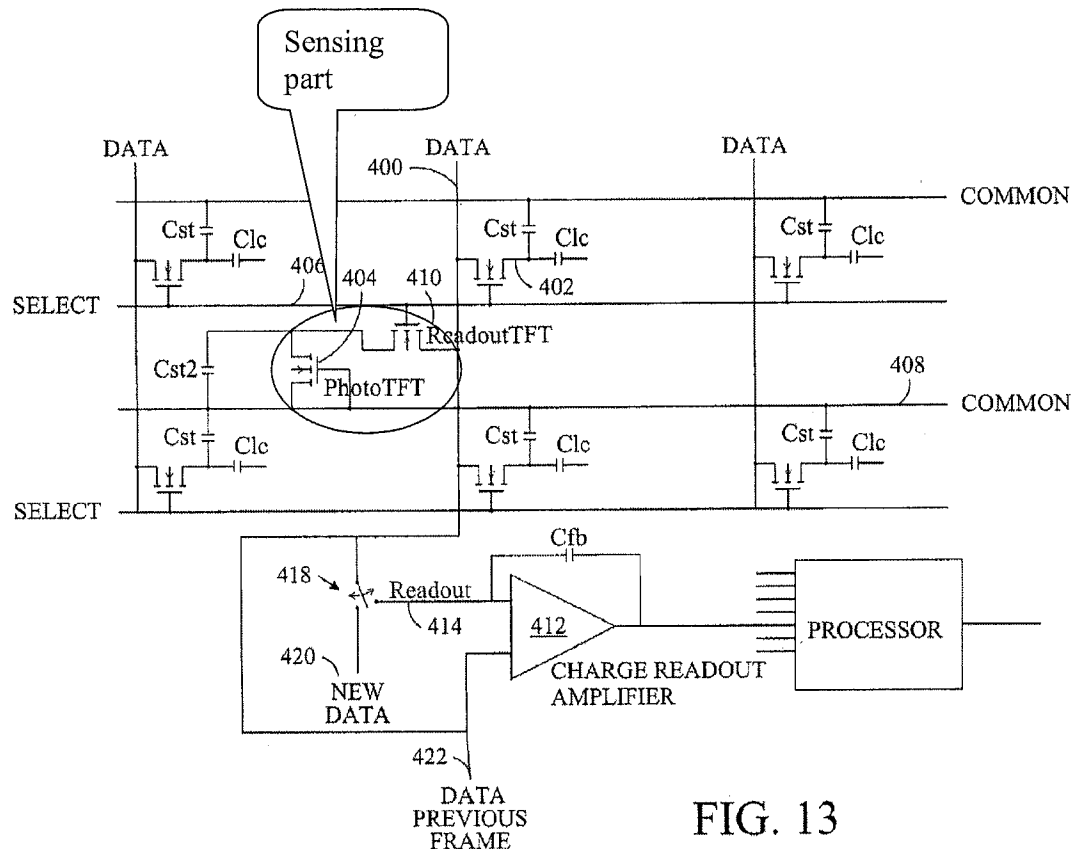


FIG. 13

Therefore, Abileah does not disclose either the light-sensitive switching device outputting a first analog signal received from a data line or the third switching device outputting the first analog signal provided from the light-sensitive switching device (the second switching device).

Furthermore, Bergquist merely discloses one TFT in a sensing part and does not otherwise remedy the deficiencies of Abileah noted above.

Accordingly, because Abileah, Bergquist, and the other cited references do not disclose or suggest all the limitations of amended Claims 1 and 5, Claims 1 and 5 are patentable over the cited references.

Claim 3 is dependent on Claim 1, and Claims 7-11, 15-17, and 20-25 are dependent on Claim 5, and include additional limitations that further distinguish them from the cited references. Therefore, Claims 3, 7-11, 15-17, and 20-25 are allowable over the cited references for at least the same reasons provided above with respect to Claims 1 and 5.

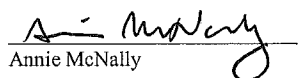
CONCLUSION

For the above reasons, Applicants submit that all pending Claims 1, 3, 5, 7-11, 15-17, and 20-25 are now in condition for allowance and allowance of the Application is hereby solicited. If the Examiner has any questions or concerns, the Examiner is hereby requested to telephone Applicants' Attorney at (202) 654-4500.

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Respectfully submitted,

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